PROJECT REVIEW SHEET - EZ1

HISTORIC & CULTURAL RESOURCES REVIEW

Property / Client Name:	S. Fork Asotin Stream Channel Restoration, 11-1573
Worksite Name/Number:	South Fork Asotin (Worksite 1 of 1)
Funding Agency:	Rec. and Conserv. Office

Project Applicant	Dept of Fish & Wildlife
Contact Person	David Karl
Address	1340 N 13th Ave
City, State, Zip	Walla Walla, WA 99362
Phone	(509) 527-4138
E-Mail	karldbk@DFW.WA.GOV

Funding Agency:

Organization	Rec. and Conserv. Office
Address	PO Box 40917
City, State, Zip	Olympia, WA 98504-0917
Phone	360-902-3000
Contact	Kay Caromile, Email: kay.caromile@rco.wa.gov

PLEASE DESCRIBE THE TYPE OF WORK TO BE COMPLETED

(Be as detailed as possible to avoid having to provide additional information)

Provide a detailed description of the proposed project:

We propose to restore LWD and channel heterogeneity to 4 km of lower S. Fork Asotin Cr. on the Asotin Wildlife Management Area in SE WA. This project is the 1st habitat treatment of the Asotin Intensively Monitored Watershed Project (IMW), which began assessment and monitoring in 2008. The goal of the treatment is to restore pool abundance and gravel bar deposition, and increase channel length through the placement of over 200 LWD key piece surrogates for the purpose of increasing production of wild Snake River ESU steelhead. The IMW field assessment identified increased sedimentation, substrate embeddedness, water temperature, decreased riparian function, floodplain connectivity, habitat diversity, and low LWD and pool frequency/quality as limiting factors. Based on the limiting factors analyses and further habitat assessments, we concluded that LWD (approximately 200 key pieces) would be required to restore the lower South Fork to reference conditions. The basic design is to drive 3-5 posts (<= 4” diameter x 6’ long trimmed to bank full height) into the stream bottom to act as a temporary anchor for racking materials and natural debris recruitment. The use of posts to reduce channel width by 50-75% will help build more heterogeneous channel shape, increase gravel bar deposition, diversify channel widths/depths, reduce incision and increase stream channel length. This method has been successful at increasing channel complexity in small tributary streams.

Describe existing project site conditions.

The site is located on the Asotin Wildlife Area in the Asotin Creek Watershed. The current landuse is recreation and wildlife and fish protection. Historically, the area was home to the Nez Perce and Umatilla Indian tribes. United States settlers moved into this area in the 1860-70's. The watershed has been adversely impacted from land use practices ranging from logging to road development.

Describe any proposed ground disturbing activities. That is, will a tool(s) be used to move earth (soil, rock, gra

Yes, stream bed will be disturbed by the insertion of posts into it. It is esitmated that between 800-1000 posts will be driven between 2 and 4 feet into the stream bed. A track hoe may be used as part of the project to put larger trees in place but it is not the intent to dig these trees into the stream or bank. the trees would be held in position by the driving of posts, and the track hoe would only be used in areas where access can be made without constructing roads or impacting riparian habitat.

Will buildings be altered or demolished? If so please complete a DAHP Determination of Eligibility EZ2 form for each building affected by the proposed project and attach the form to your project in PRISM. http://www.dahp.wa.gov/pages/Documents/Sites.htm

No

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If no PRISM map, please attach a copy of the relevant portion of a 7.5 series USGS quad map and outline the project impact area.
(USGS Quad maps are available on-line at http://www.topozone.com)

Worksite Location (identified with star):

Address: No address is available for this project.

Township: 10N
Range: 45E
Section: 26

City:
County: Asotin
Latitude: 46.32
Longitude: -117.14